

inner periphery diameter D'' , said inner periphery diameter D'' less than said outer periphery diameter D' ; and

(c) a single resilient member constrained between the shroud angled segment inner surface and the inner member frustoconical seat angled surface, said single resilient member having a substantially trapezoidal cross section, said single resilient member bonded to said shroud angled segment inner surface and said inner member frustoconical seat angled surface, wherein said single resilient member bonded to said shroud angled segment inner surface and said inner member frustoconical seat angled surface provides for iso-elastic displacement of said inner member in a radial direction and in an axial direction from said outer member with said frustoconical seat outer periphery diameter D' providing an interference with said shroud inner periphery diameter D'' to prevent a separation of the vibration isolation member in the event of a failure of said single resilient member.

2. The vibration isolation member of claim 1 wherein the inner member is comprised of a stem.

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12. A combination comprising:

- (a) a support structure;
- (b) a suspended body located away from the support structure; and
- (c) a single resilient member iso-elastic vibration isolation member joining the support structure and the suspended body to reduce the transmission of vibratory disturbances between the suspended body and support structure, the vibration isolation member comprising;

- (i) an inner member comprising a frustoconical seat having an angled surface and an outer periphery diameter D' ;

- (ii) an outer member comprising a base and a shroud that extends away from the base, the shroud adapted to overlay the inner member, said shroud having an angled segment with an inner surface, said angled segment inner surface oriented substantially parallel to said angled surface of said frustoconical seat, said shroud defining an inner periphery diameter D'' , said inner periphery diameter D'' less than said outer periphery diameter D' ; and

- (iii) a single resilient member constrained between the shroud angled segment inner surface and the inner member frustoconical seat angled surface, said single resilient member having a substantially trapezoidal cross section, said single resilient member bonded to said shroud angled segment inner surface and said inner member frustoconical seat angled surface, wherein said single resilient member bonded to said shroud angled segment inner surface and said inner member frustoconical seat angled surface

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provides for iso-elastic displacement of said inner member in a radial direction and in an axial direction from said outer member with said frustoconical seat outer periphery diameter D' providing an interference with said shroud inner periphery diameter D'' to prevent a separation of the vibration isolation member in the event of a failure of said single resilient member.

13. The combination as claimed in claim 12 wherein the inner member includes a cylindrical stem.

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17. The combination as claimed in claim 12 wherein the outer member and the support structure comprise a chamber, with the inner member seat being located in the chamber.

19. CANCEL.

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21. The vibration isolation member as claimed in claim 1 wherein the shroud is comprised of a single wall.

22. CANCEL.